

REMARKS

This amendment is responsive to the non-Final Office Action of February 24, 2009. Reconsideration and allowance of claims 2-5, 7-10, and 12-18 are requested.

The Office Action

Claims 1, 4, and 11 stand rejected under 35 U.S.C. § 102 over Keilman (US 6,231,516).

Claims 2, 3, 7, 8, and 13 stand rejected under 35 U.S.C. § 103 as being unpatentable over Keilman in view of Fox (US 5,248,943).

Claim 6 stands rejected under 35 U.S.C. § 103 over Vitek (US 6,735,432) in view of Keilman.

Claims 14 and 15 stand rejected under 35 U.S.C. § 103 over Keilman.

Claims 5, 9, 10, and 12 were indicated as containing allowable subject matter.

**The Claims Distinguish Patentably
Over the References of Record**

Claim 2 has been amended to include, among other limitations, limitations concerning the common mode currents. Because similar limitations were indicated allowable in conjunction with claim 12, it is submitted that claim 2 and claims 3 and 16 dependent therefrom distinguish patentably and unobviously over the references of record.

Claim 4 has been amended to require that the segments each have a length which is not a multiple of one half the magnetic resonance wavelength. Because this concept is not shown by the references applied by the Examiner, it is submitted that claim 4 and claim 18 dependent therefrom distinguish patentably and unobviously over the references of record.

Claim 5, which was indicated as containing allowable subject matter, has been placed in independent form. Accordingly, it is submitted that claim 5 and claim 14 dependent therefrom distinguish patentably over the references of record.

Claim 9, which was indicated as containing allowable subject matter, has been placed in independent form. Accordingly, it is submitted that claim 9 and

claims 7, 8, 10, and 19 dependent therefrom distinguish patentably and unobviously over the references of record.

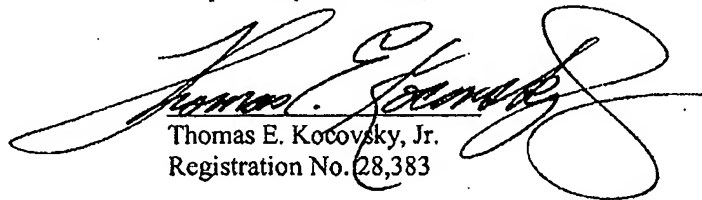
Claim 12, which was indicated as containing allowable subject matter, has been placed in independent form. Accordingly, it is submitted that claim 12 and claims 13 and 15 dependent therefrom distinguish patentably and unobviously over the references of record.

CONCLUSION

For the reasons set forth above, it is submitted that claims 2-5, 7-10, and 12-18 distinguish patentably over the references of record and meet all statutory requirements. An early allowance of all claims is requested.

In the event the Examiner considers personal contact advantageous to the disposition of this case, the Examiner is requested to telephone Thomas Kocovsky at 216.363.9000.

Respectfully submitted,



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